Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101217\
Data File : BE094312.D
Acq On : 12 Oct 2017 12:49
Operator : SJ/JU
Sample : I5530-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 12 22:40:10 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 15:16:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1460	0.40	ng		0.01
7) Naphthalene-d8	10.71	136	8341	0.40	ng		0.02
13) Acenaphthene-d10	14.53	164	8324	0.40	ng		0.02
19) Phenanthrene-d10	17.27	188	7094	0.40	ng		0.03
27) Chrysene-d12	21.43	240	8272	0.40	ng		0.02
34) Perylene-d12	23.96	264	8166	0.40	ng		0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	827649	170.11	ng		0.01
5) Phenol-d6	7.11	99	1231958	174.66	ng		0.03
8) Nitrobenzene-d5	9.08	82	797899	114.89	ng		0.02
11) 2-Methylnaphthalene-d10	12.27	152	2314	0.18	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	323710	89.46	ng		0.03
15) 2-Fluorobiphenyl	13.16	172	1291630	45.30	ng		0.03
25) Fluoranthene-d10	19.34	212	1579	0.02	ng		0.07
29) Terphenyl-d14	19.87	244	1337646	85.63	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	109	0.041	ng	#	16
3) n-Nitrosodimethylamine	3.66	42	1136	0.400	ng	#	1
6) bis(2-Chloroethyl)ether	7.25	93	73797	12.890	ng	#	1
9) Naphthalene	10.76	128	201942	2.150	ng		99
12) 2-Methylnaphthalene	12.36	142	53914	3.494	ng		98
16) Acenaphthylene	14.26	152	15870	0.376	ng	#	1
17) Acenaphthene	14.60	154	12154	0.437	ng	#	74
18) Fluorene	15.58	166	16935	0.464	ng	#	1
20) 4-Bromophenyl-phenylether	16.42	248	1516	0.371	ng	#	1
22) Pentachlorophenol	16.94	266	338	0.340	ng	#	24
23) Phenanthrene	17.30	178	48014	1.953	ng	#	82
24) Anthracene	17.50	178	61620	3.287	ng	#	1
26) Fluoranthene	19.32	202	26420	1.225	ng	#	95
28) Pyrene	19.68	202	31040	1.091	ng	#	81
30) Benzo(a)anthracene	21.40	228	16649	0.613	ng	#	75
31) Chrysene	21.46	228	16219	0.605	ng	#	79
32) Bis(2-ethylhexyl)phthalate	21.30	149	7765	0.124	ng	#	89
33) Indeno(1,2,3-cd)pyrene	26.64	276	8157	0.306	ng		94
35) Benzo(b)fluoranthene	23.18	252	20798	0.757	ng	#	72
36) Benzo(k)fluoranthene	23.18	252	20798	0.745	ng	#	74
37) Benzo(a)pyrene	23.84	252	14206	0.547	ng	#	68
38) Dibenzo(a,h)anthracene	26.65	278	2147	0.089	ng	#	1
39) Benzo(g,h,i)perylene	27.48	276	7644	0.311	ng	#	68

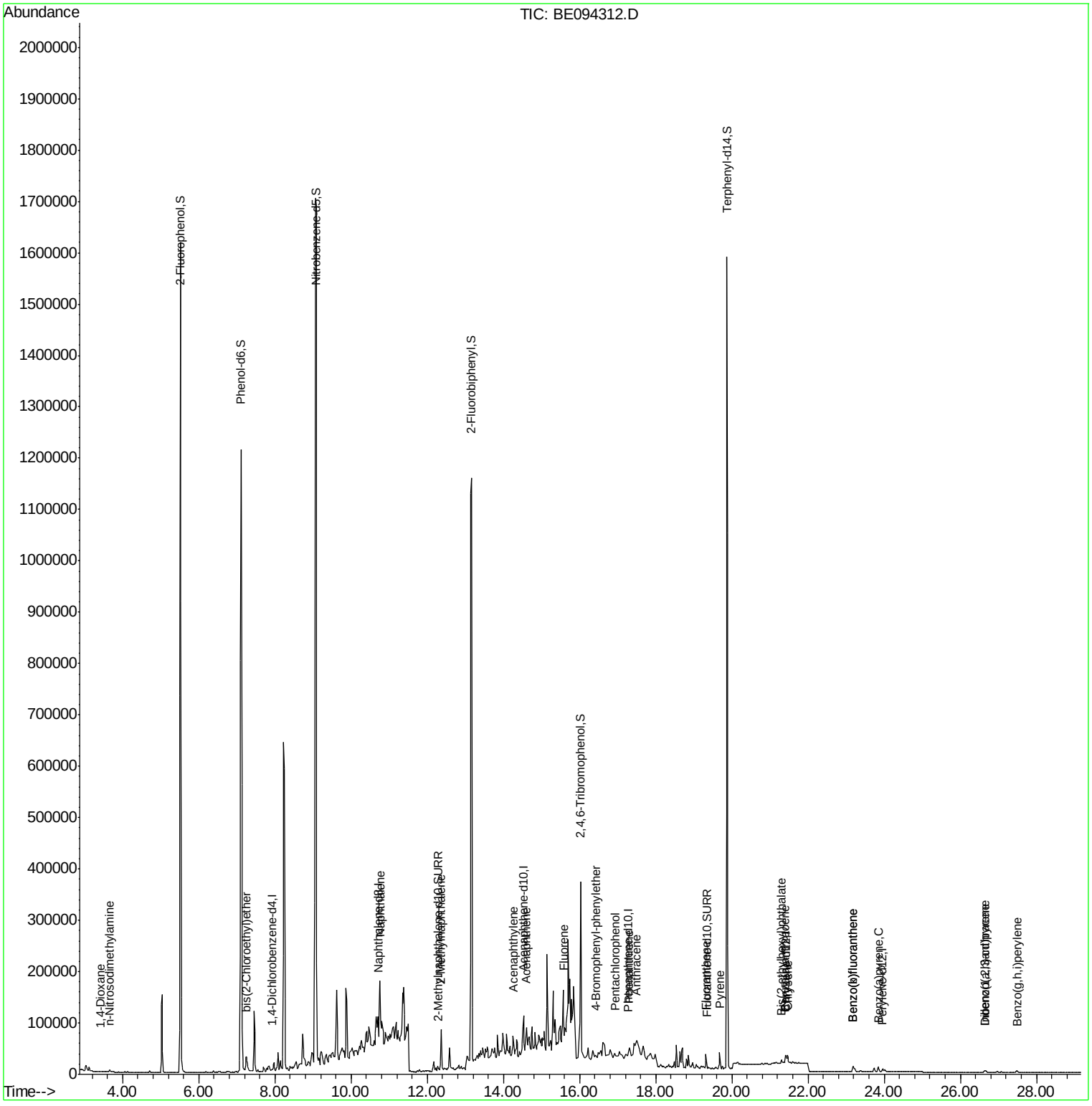
(#) = qualifier out of range (m) = manual integration (+) = signals summed

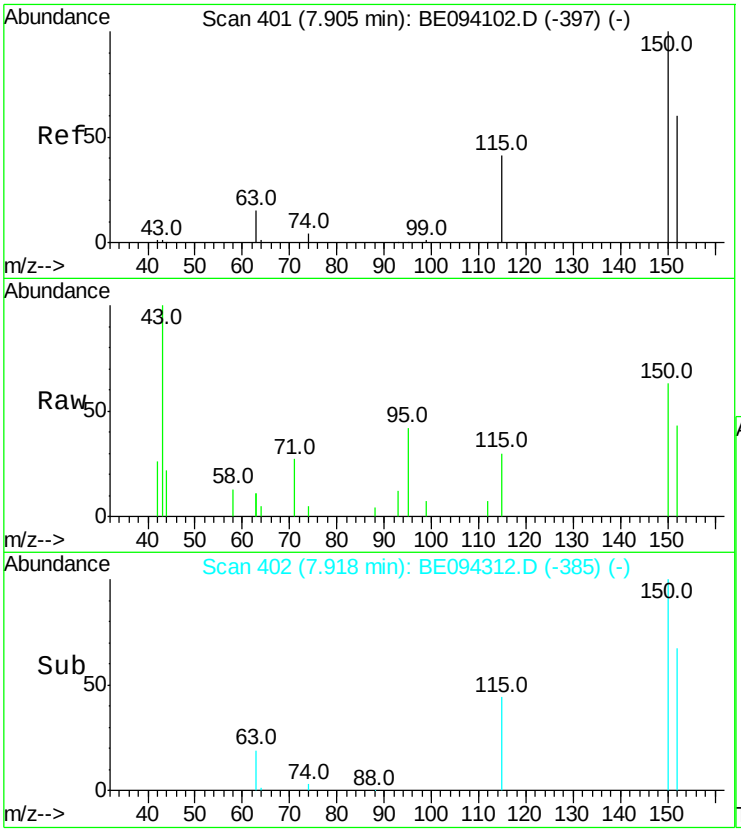
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101217\
Data File : BE094312.D
Acq On : 12 Oct 2017 12:49
Operator : SJ/JU
Sample : I5530-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 12 22:40:10 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 15:16:13 2017
Response via : Initial Calibration



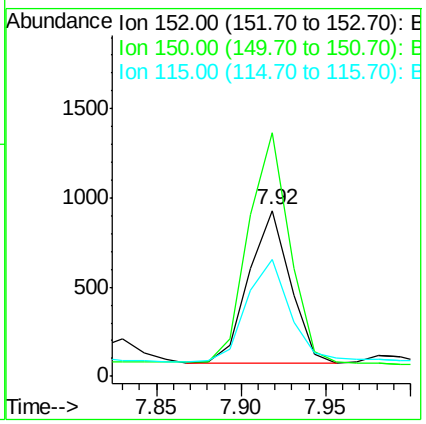


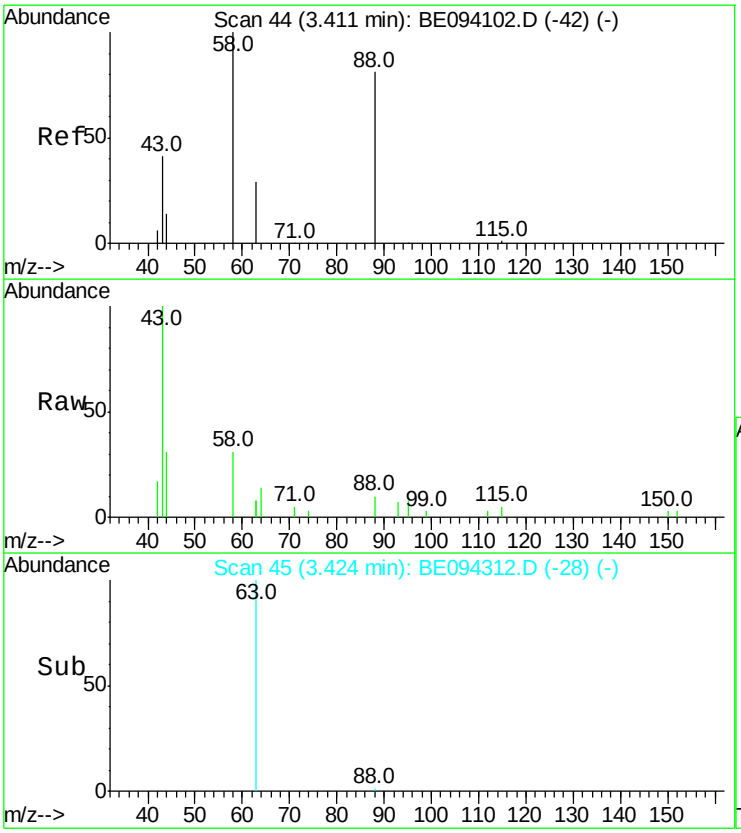
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1460

Ion	Ratio	Lower	Upper
152	100		
150	147.1	117.2	175.8
115	70.3	57.0	85.6

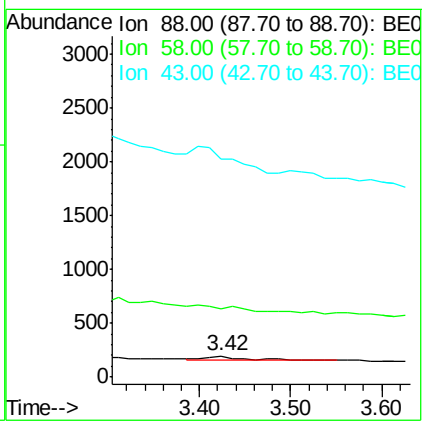


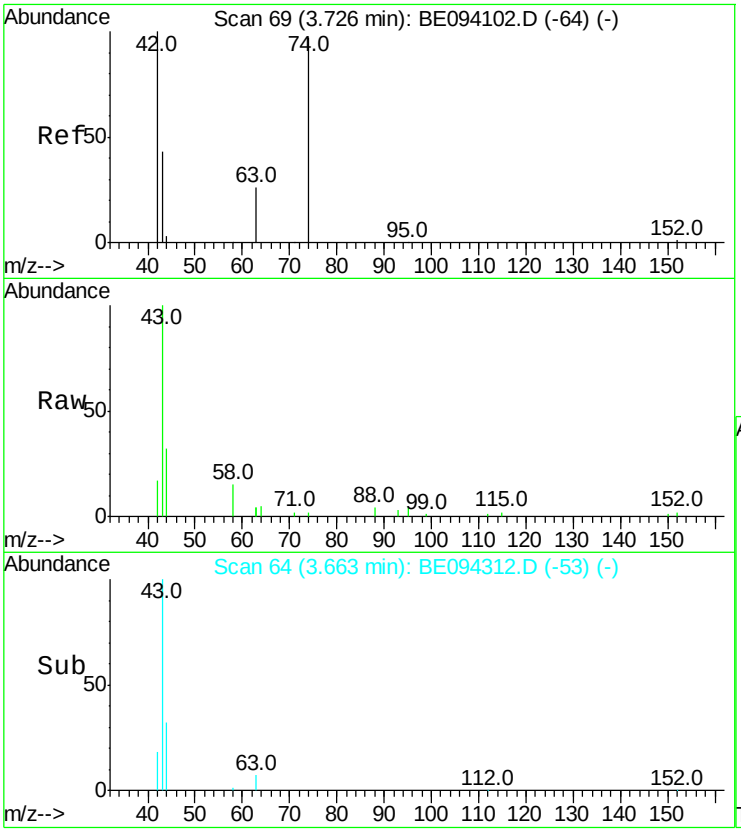


#2
1,4-Dioxane
Concen: 0.041 ng
RT: 3.42 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion: 88 Resp: 109

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.2	94.8#
43	0.0	41.2	61.8#



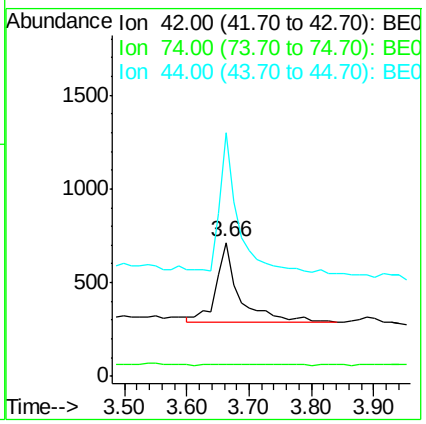


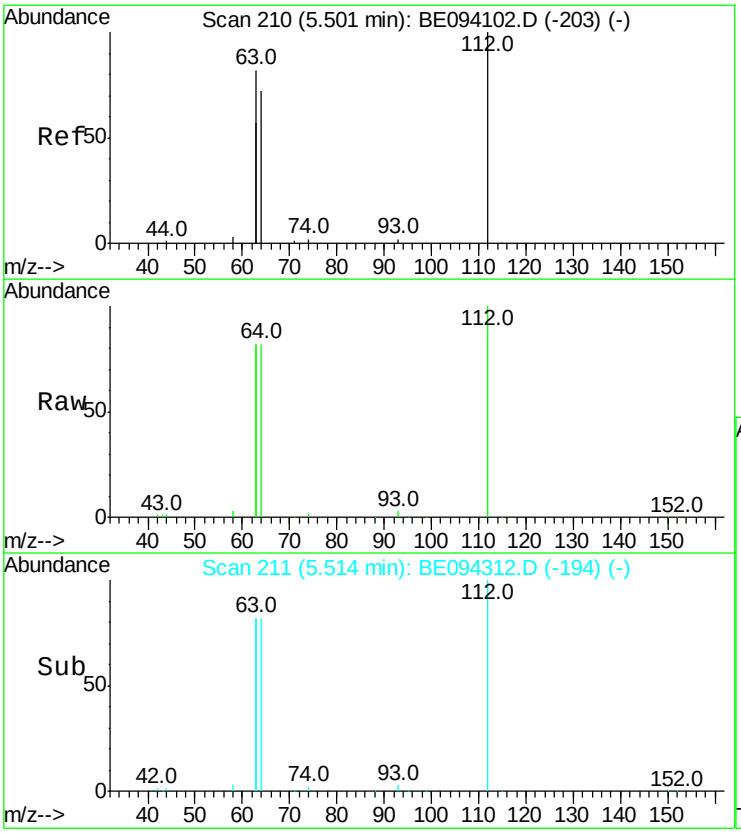
#3
n-Nitrosodimethylamine
Concen: 0.400 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.06 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1136

Ion	Ratio	Lower	Upper
42	100		
74	1.8	100.3	150.5#
44	152.0	17.0	25.4#

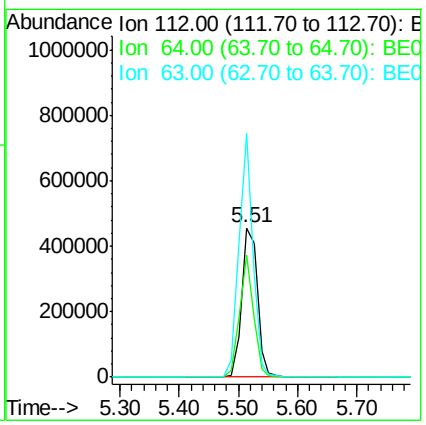


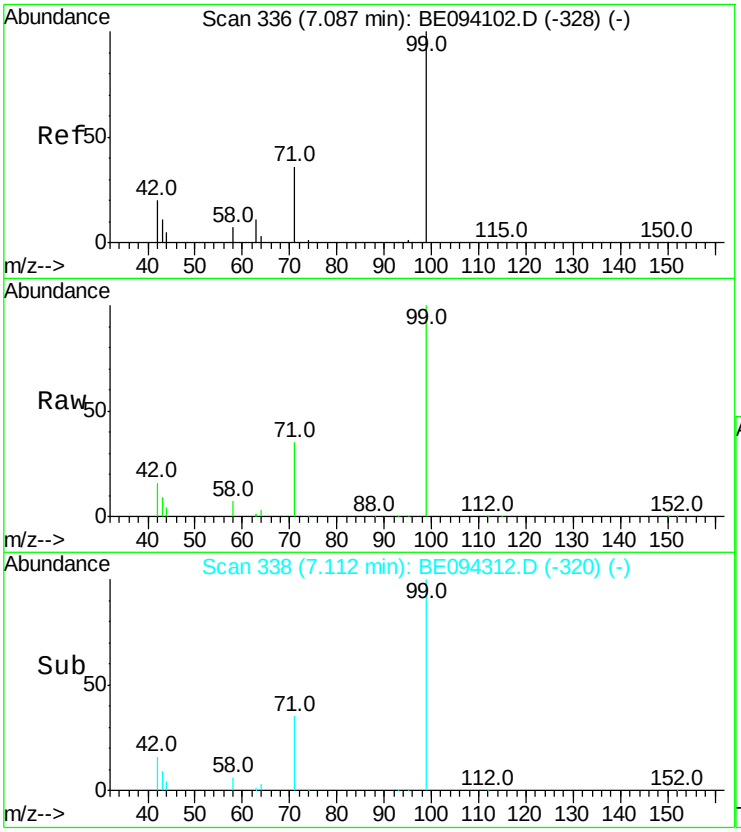


#4
2-Fluorophenol
Concen: 170.111 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.01 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:112 Resp: 827649

Ion	Ratio	Lower	Upper
112	100		
64	71.9	60.1	90.1
63	143.6	116.8	175.2



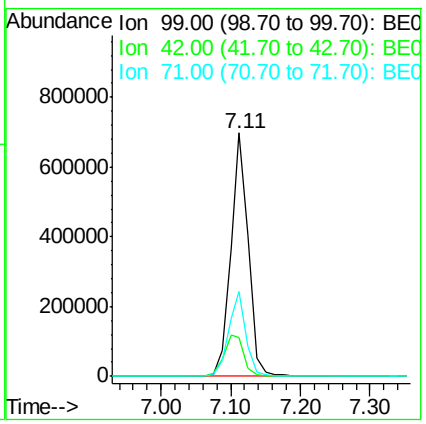


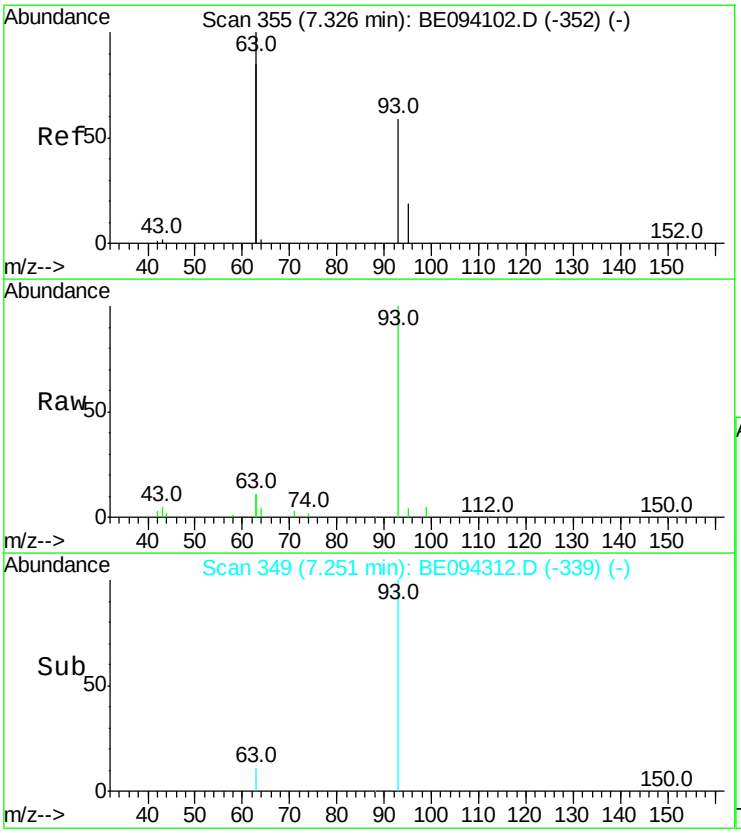
#5
Phenol-d6
Concen: 174.662 ng
RT: 7.11 min Scan# 338
Delta R.T. 0.03 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1231958

Ion	Ratio	Lower	Upper
99	100		
42	19.4	20.2	30.2#
71	34.6	28.4	42.6

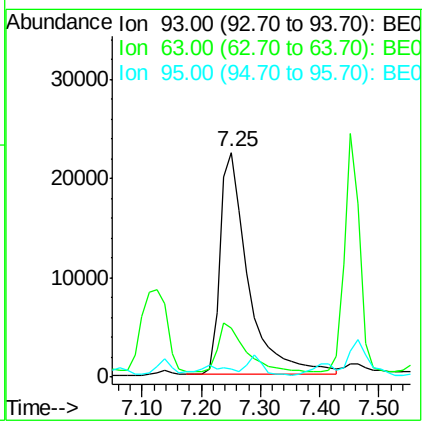


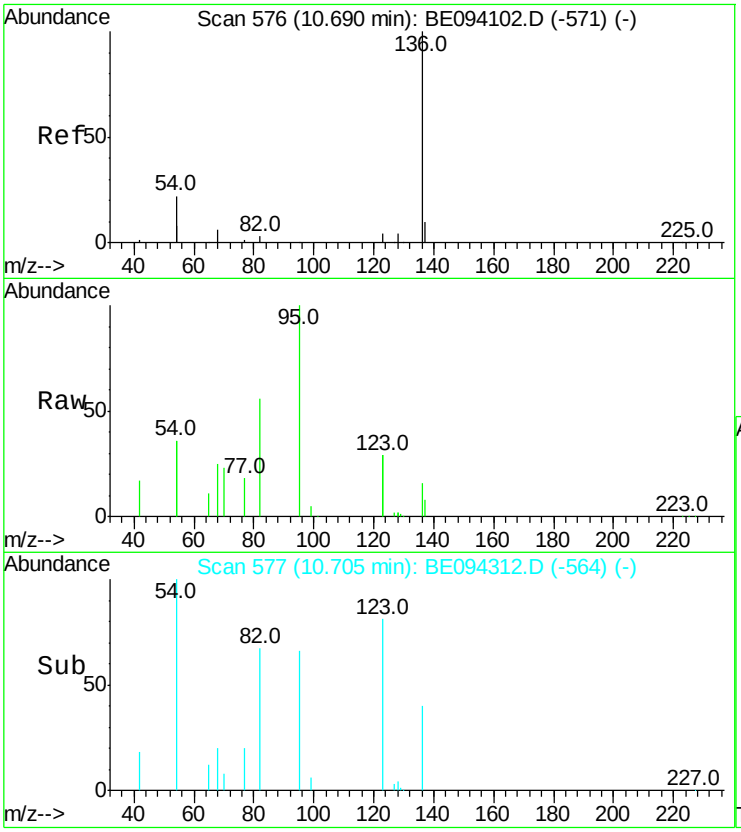


#6
bis(2-Chloroethyl)ether
Concen: 12.890 ng
RT: 7.25 min Scan# 349
Delta R.T. -0.08 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion: 93 Resp: 73797

Ion	Ratio	Lower	Upper
93	100		
63	21.3	275.3	412.9#
95	0.0	25.2	37.8#



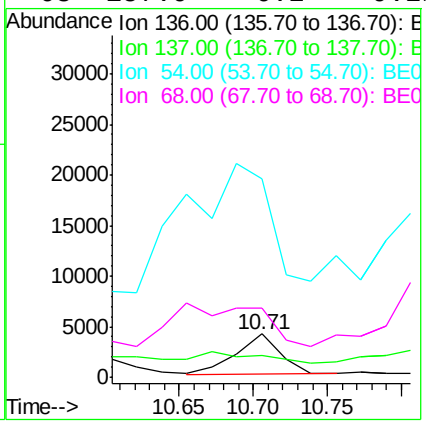


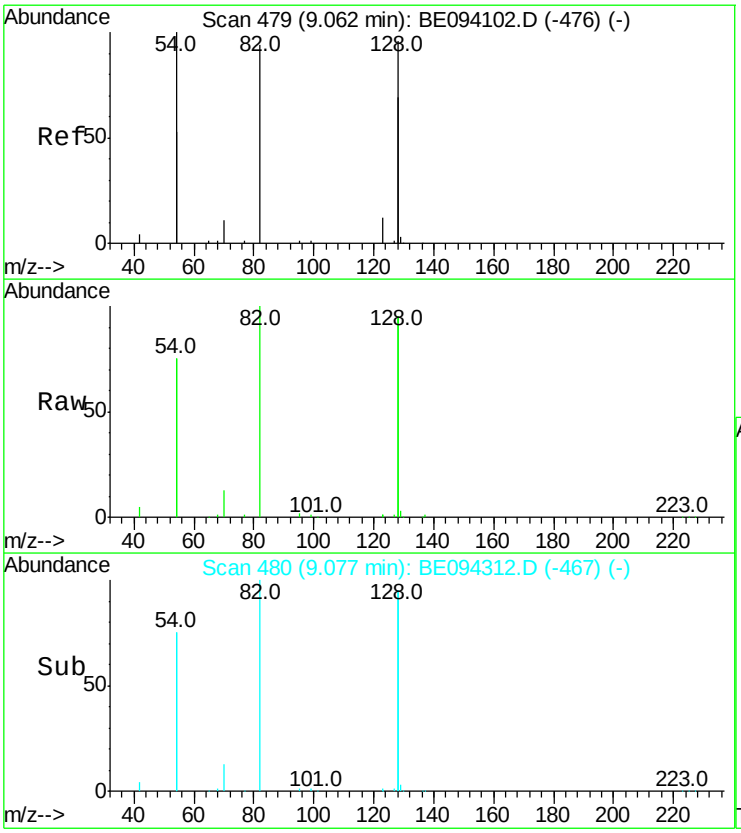
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.02 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 8341

Ion	Ratio	Lower	Upper
136	100		
137	49.0	9.5	14.3#
54	455.9	29.1	43.7#
68	157.9	6.2	9.2#

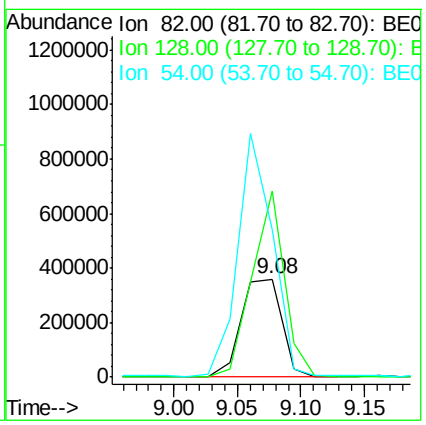


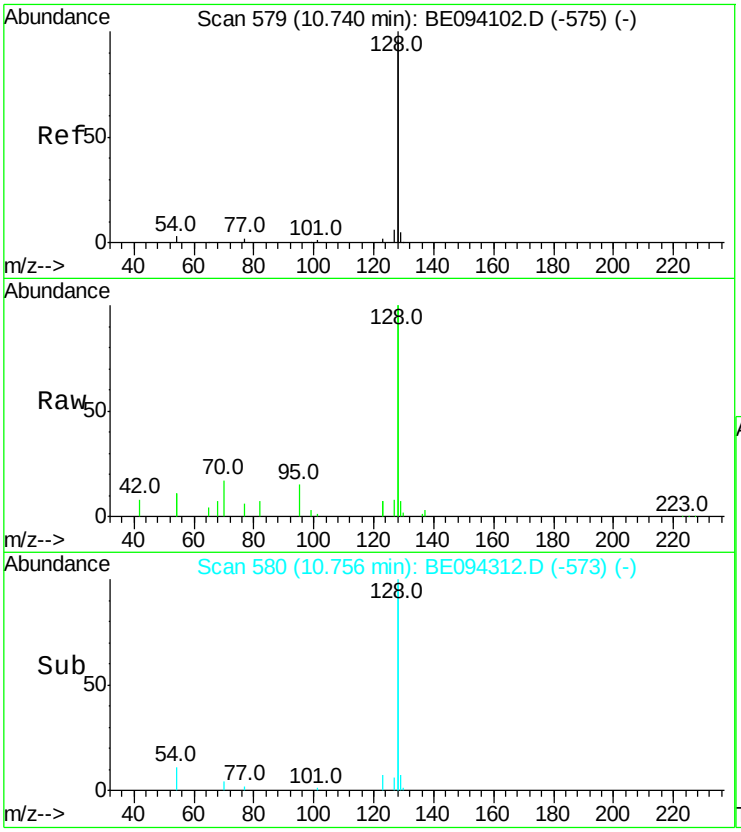


#8
Nitrobenzene-d5
Concen: 114.895 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.02 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion: 82 Resp: 797899

Ion	Ratio	Lower	Upper
82	100		
128	189.4	150.0	225.0
54	150.2	154.2	231.4#



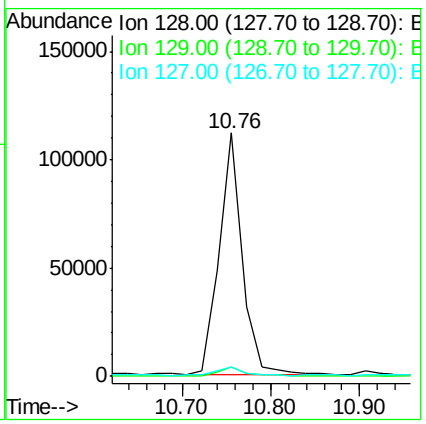


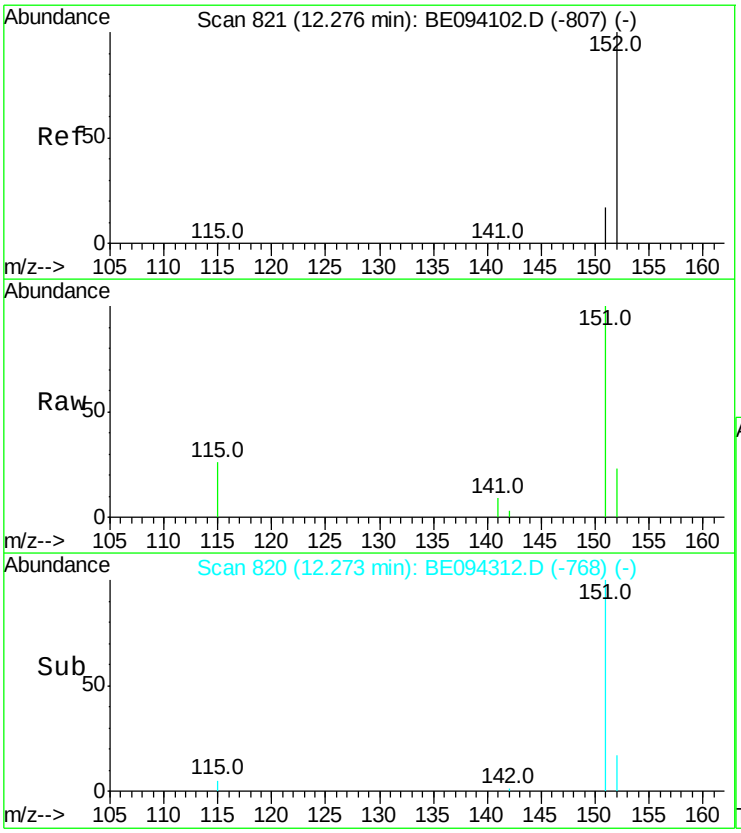
#9
Naphthalene
Concen: 2.150 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.02 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 201942

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.6	3.8
127	3.9	2.8	4.2

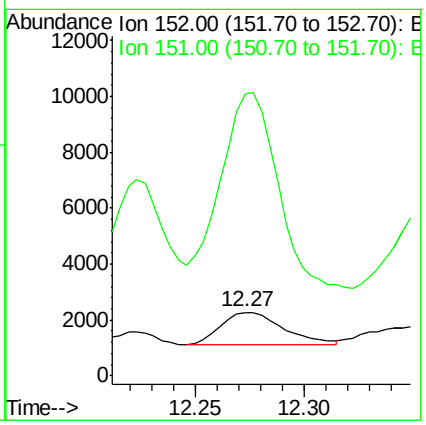


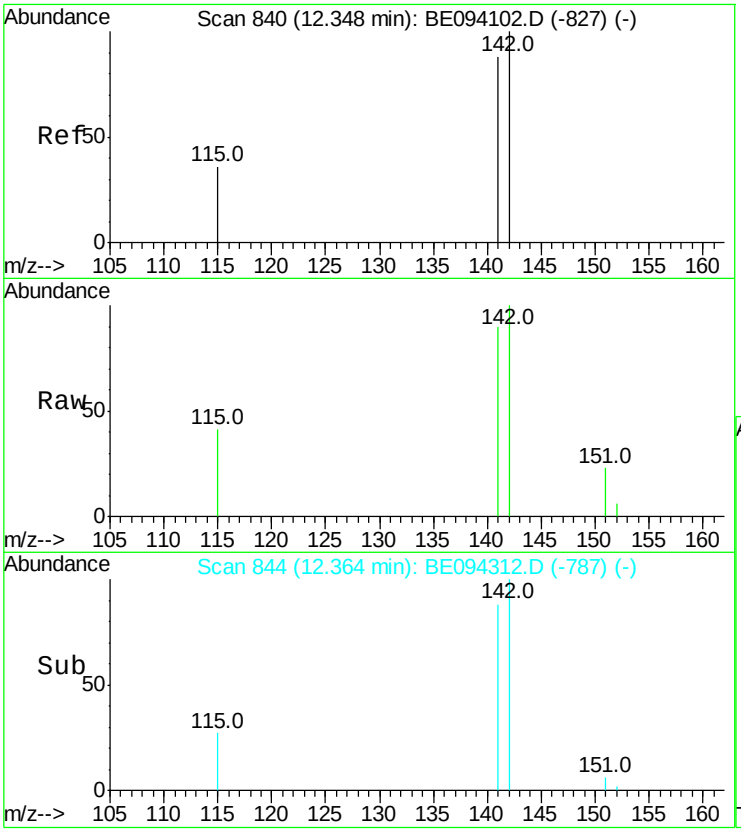


#11
2-Methylnaphthalene-d10
Concen: 0.180 ng
RT: 12.27 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:152 Resp: 2314

Ion	Ratio	Lower	Upper
152	100		
151	544.7	15.4	23.0#



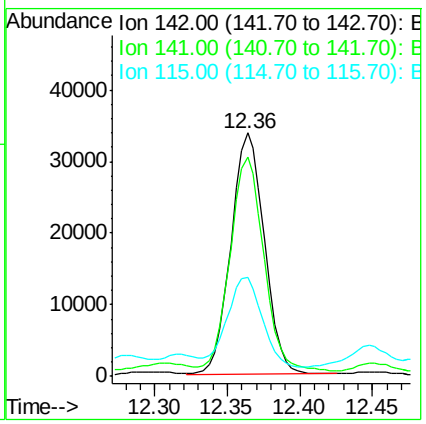


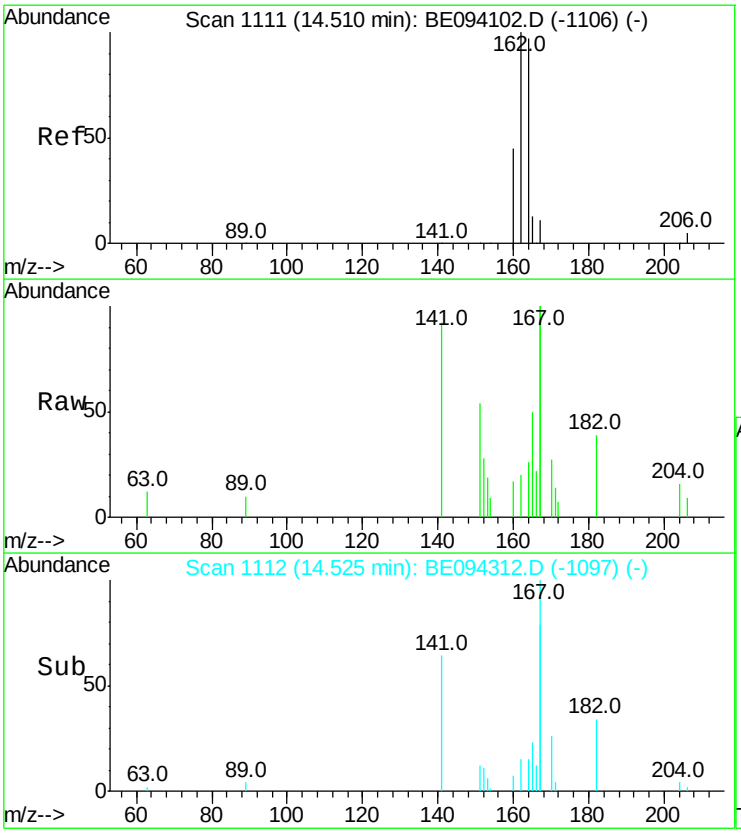
#12
2-Methylnaphthalene
Concen: 3.494 ng
RT: 12.36 min Scan# 844
Delta R.T. 0.02 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 53914

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.4	105.6
115	40.7	31.7	47.5

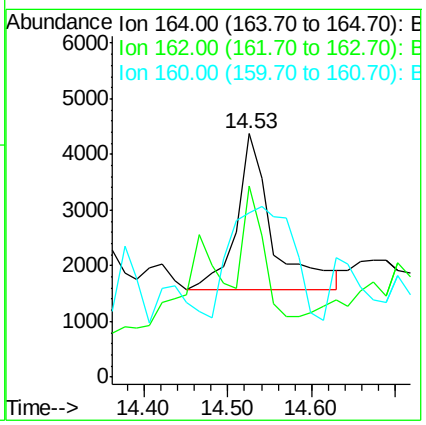


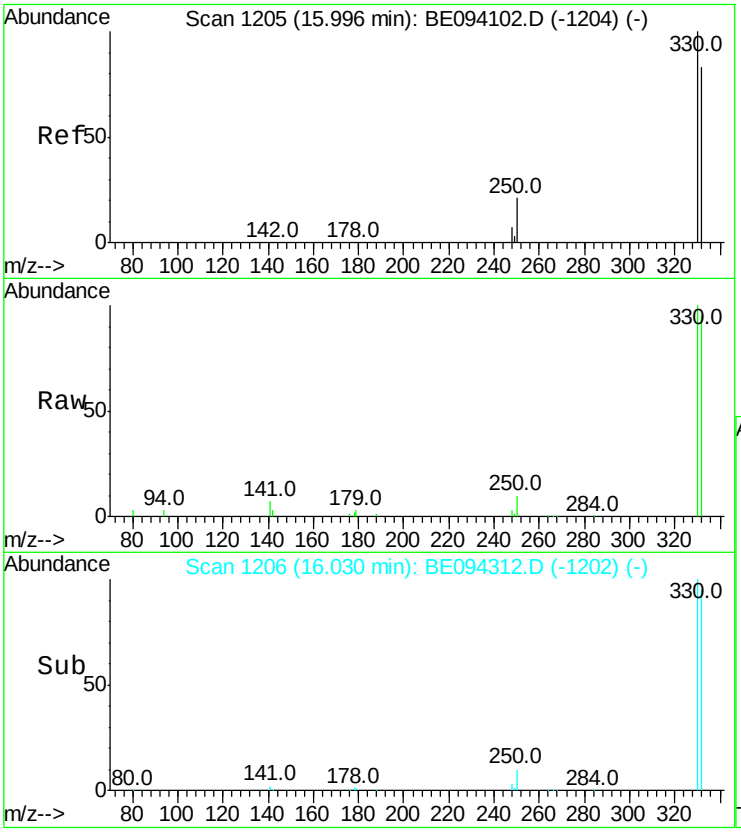


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.02 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:164 Resp: 8324

Ion	Ratio	Lower	Upper
164	100		
162	78.6	83.1	124.7#
160	67.6	37.1	55.7#



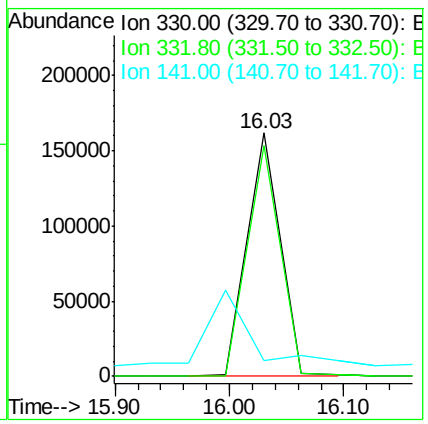


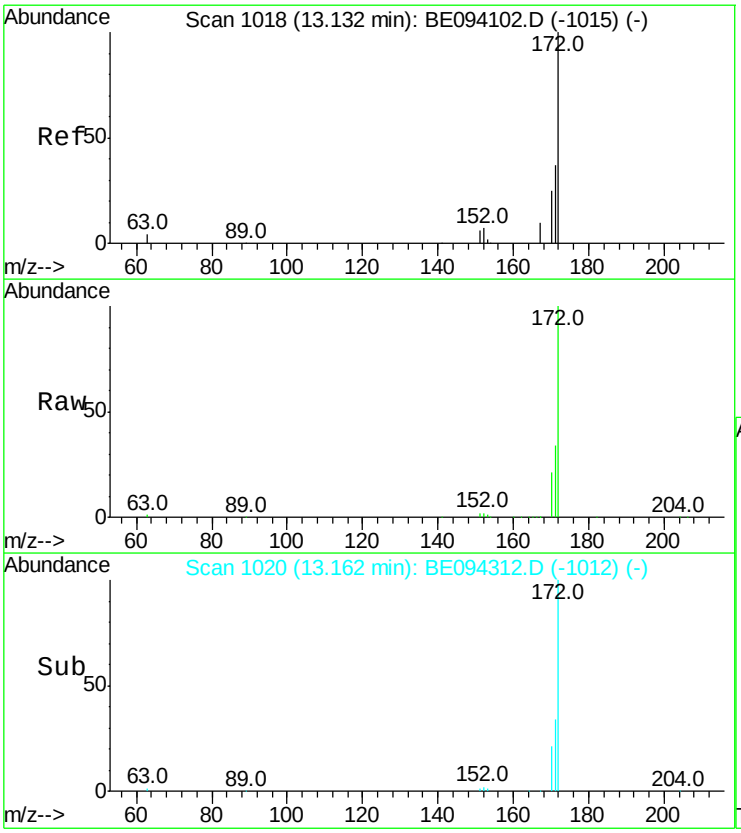
#14
2,4,6-Tribromophenol
Concen: 89.456 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 323710

Ion	Ratio	Lower	Upper
330	100		
332	94.8	152.7	229.1#
141	0.0	33.7	50.5#

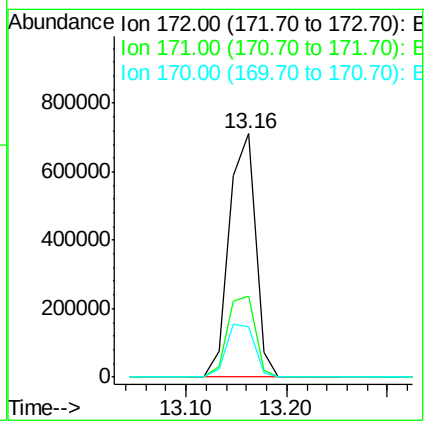


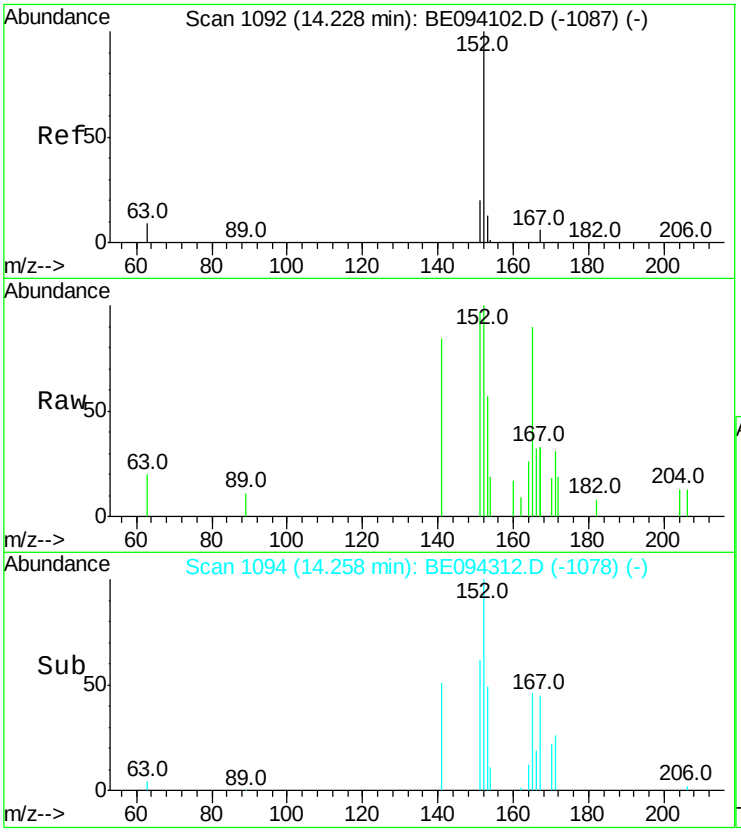


#15
2-Fluorobiphenyl
Concen: 45.296 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.03 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:172 Resp: 1291630

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.9	44.9
170	20.8	21.8	32.8#



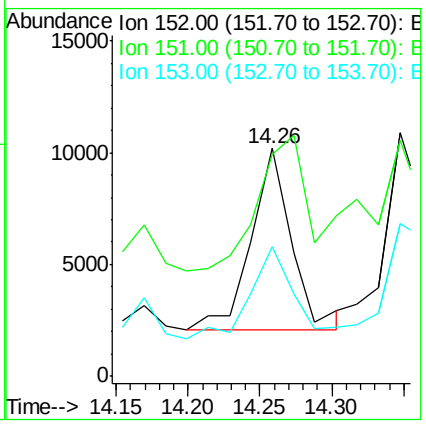


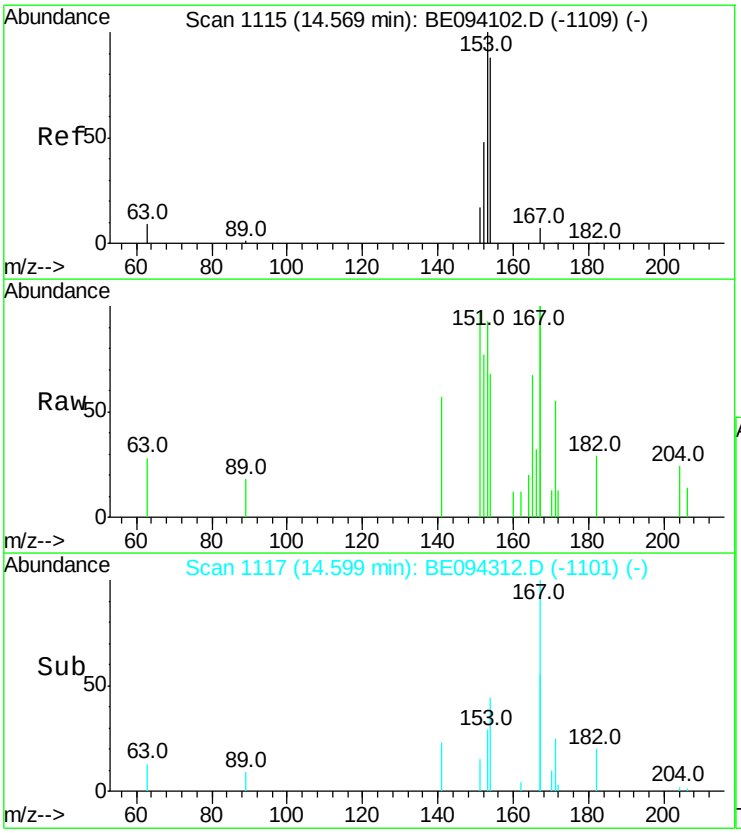
#16
Acenaphthylene
Concen: 0.376 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.03 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 15870

Ion	Ratio	Lower	Upper
152	100		
151	113.0	15.7	23.5#
153	55.4	10.5	15.7#

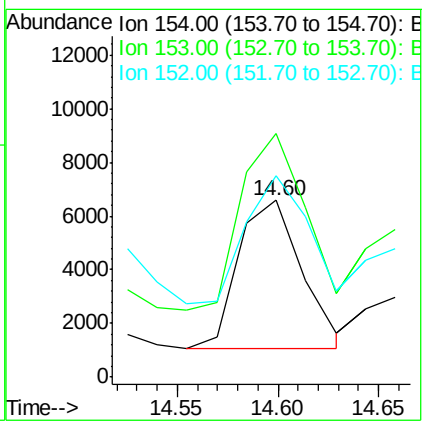


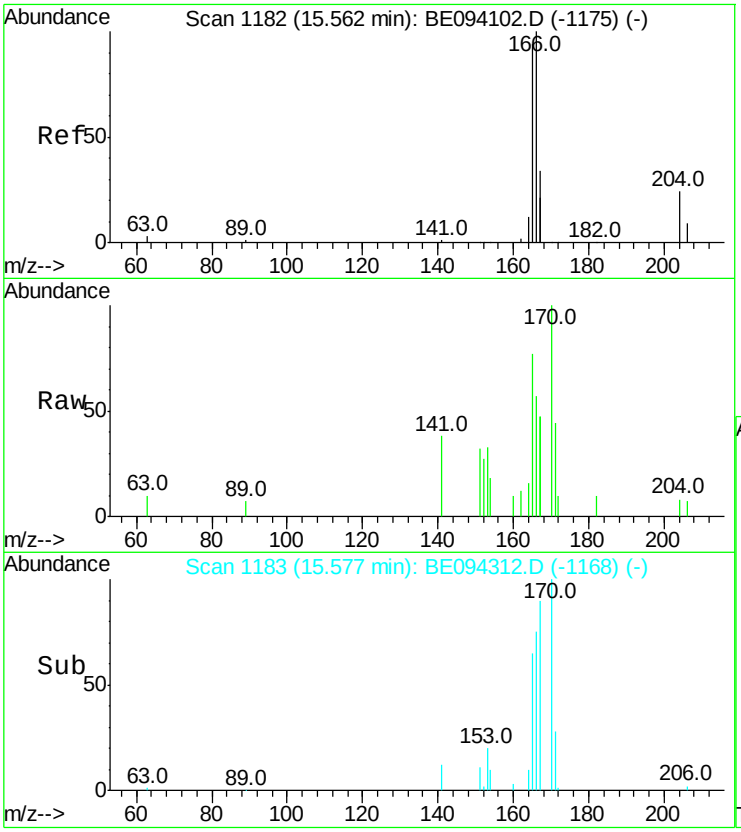


#17
Acenaphthene
Concen: 0.437 ng
RT: 14.60 min Scan# 1117
Delta R.T. 0.03 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:154 Resp: 12154

Ion	Ratio	Lower	Upper
154	100		
153	120.4	89.2	133.8
152	97.6	42.0	63.0#



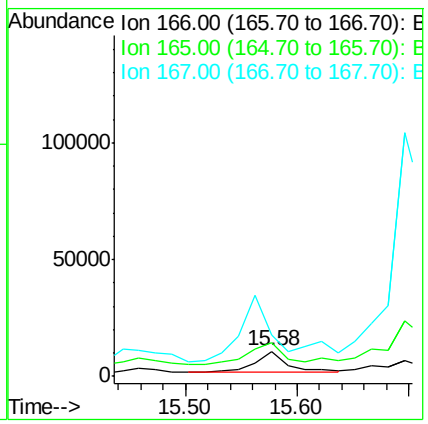


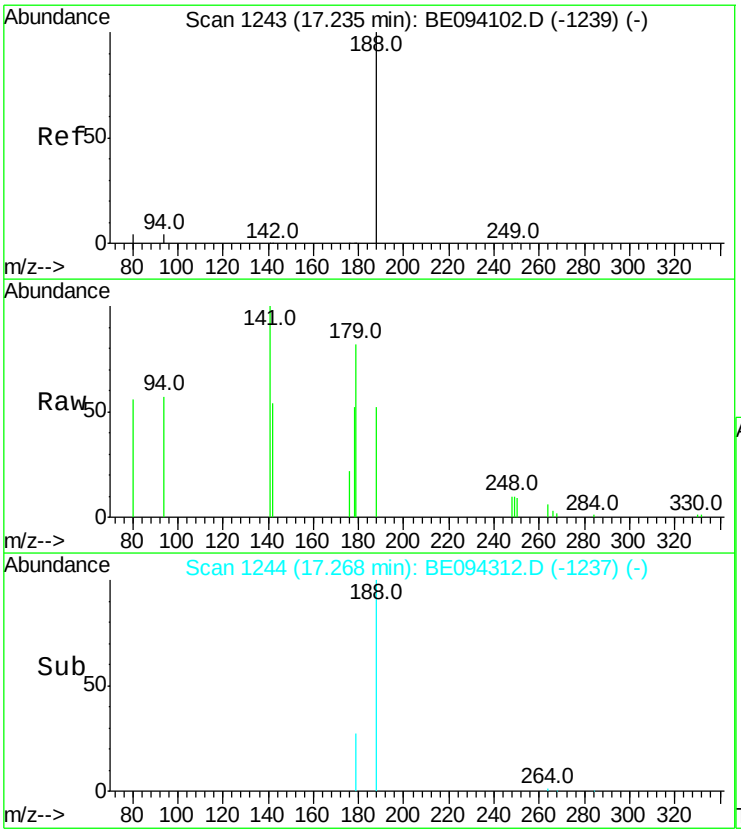
#18
Fluorene
Concen: 0.464 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.02 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 16935

Ion	Ratio	Lower	Upper
166	100		
165	117.8	77.8	116.6#
167	349.3	42.4	63.6#

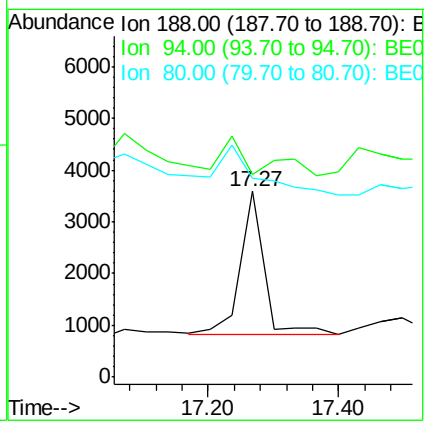


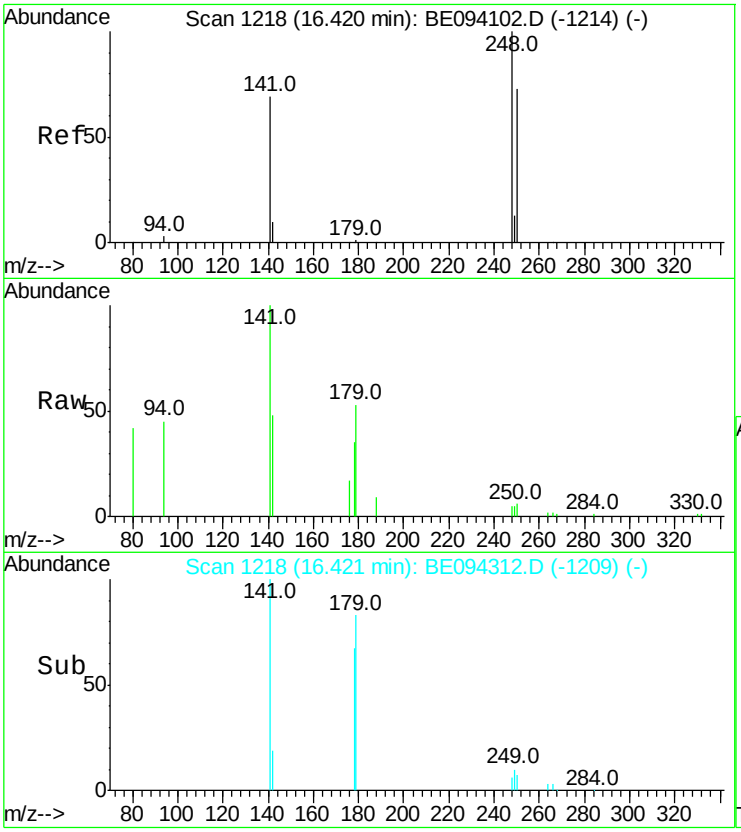


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:188 Resp: 7094

Ion	Ratio	Lower	Upper
188	100		
94	109.1	3.9	5.9#
80	106.9	3.6	5.4#



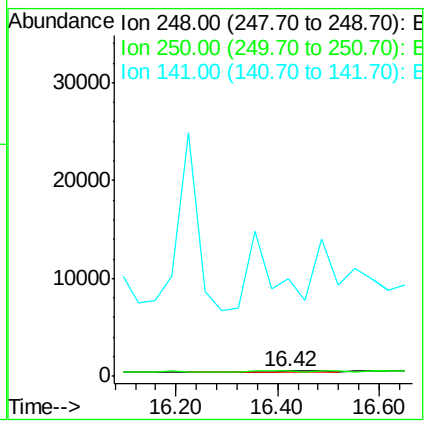


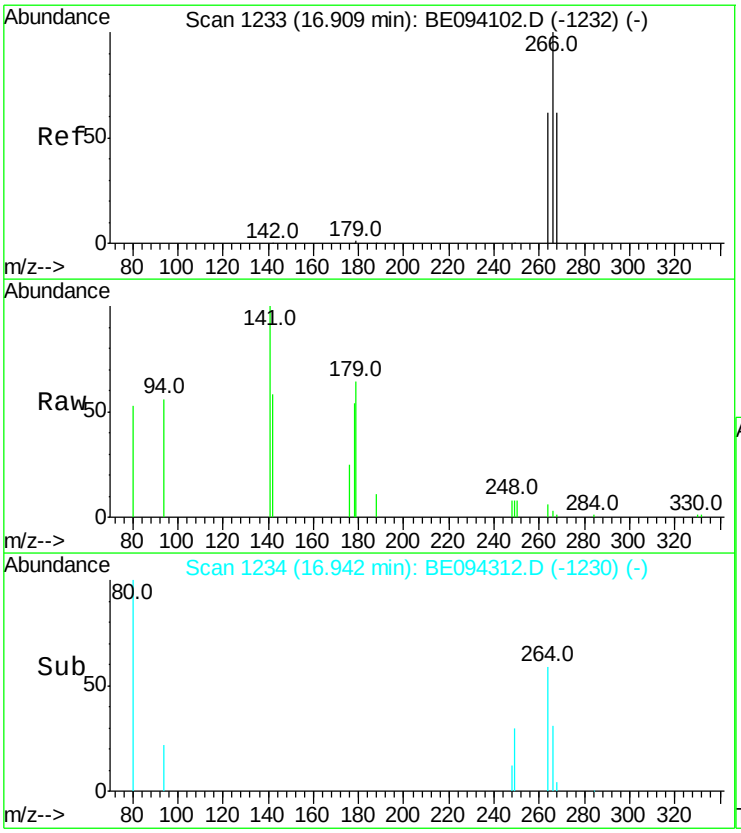
#20
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 1516

Ion	Ratio	Lower	Upper
248	100		
250	105.2	62.7	94.1#
141	1854.7	48.2	72.2#

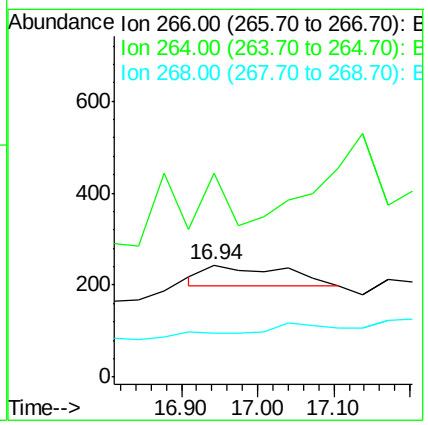


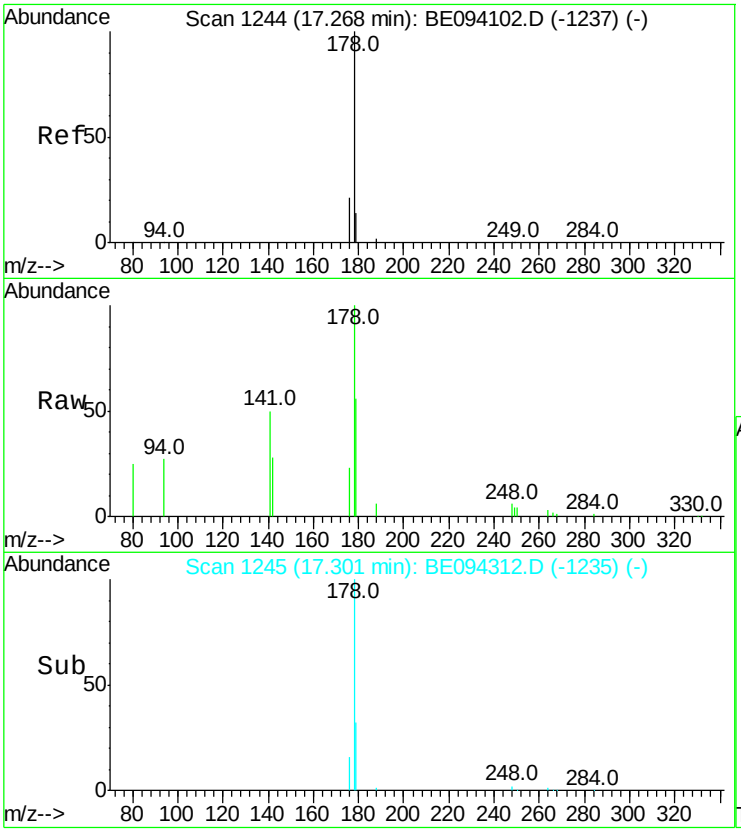


#22
Pentachlorophenol
Concen: 0.340 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.03 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:266 Resp: 338

Ion	Ratio	Lower	Upper
266	100		
264	181.6	72.5	108.7#
268	39.3	73.8	110.6#



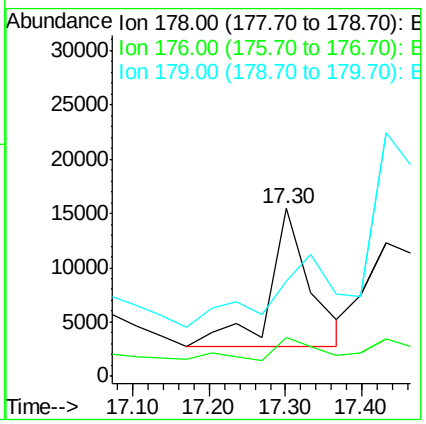


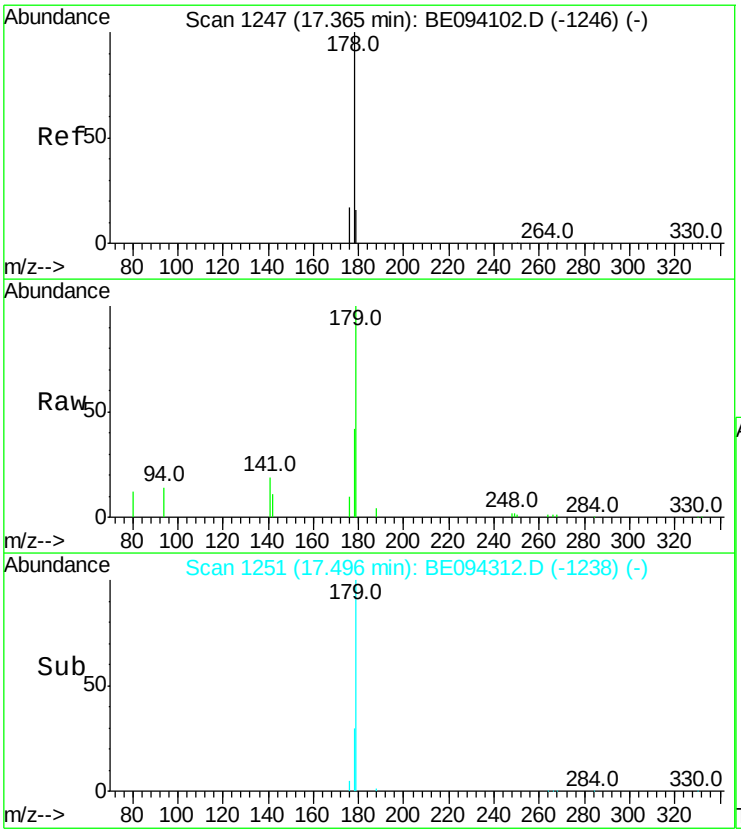
#23
Phenanthrene
Concen: 1.953 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.03 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 48014

Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.1	22.7
179	0.0	11.8	17.6#

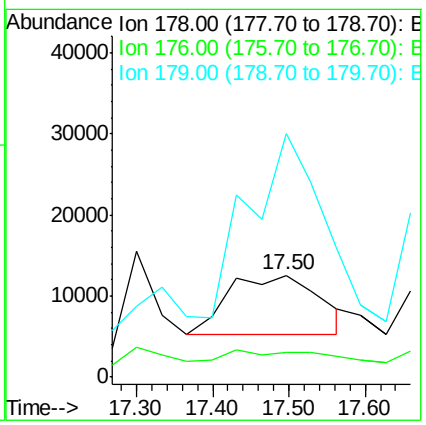


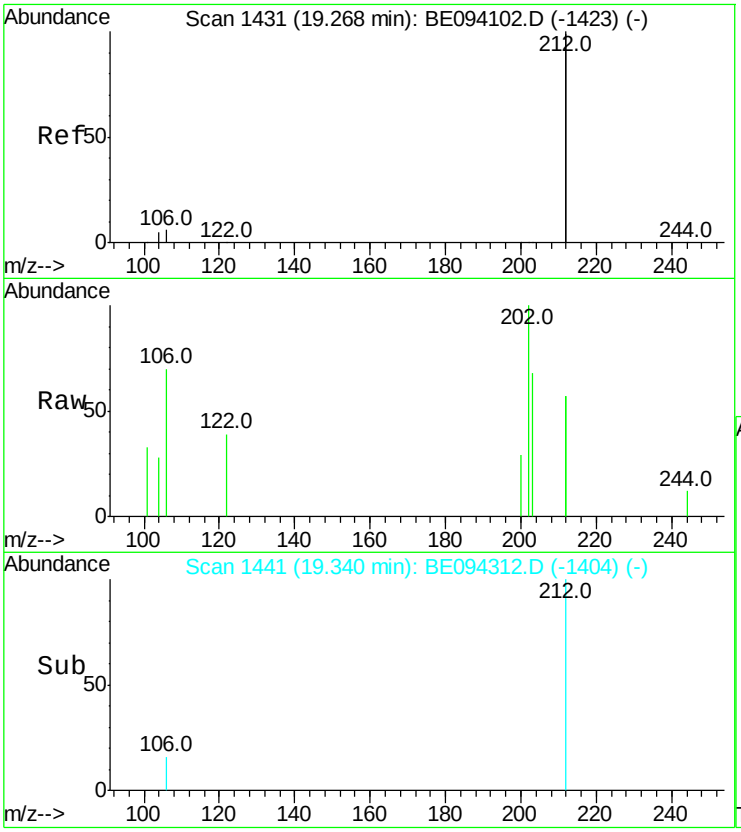


#24
Anthracene
Concen: 3.287 ng
RT: 17.50 min Scan# 1251
Delta R.T. 0.13 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:178 Resp: 61620

Ion	Ratio	Lower	Upper
178	100		
176	0.0	12.8	19.2#
179	354.9	13.0	19.6#



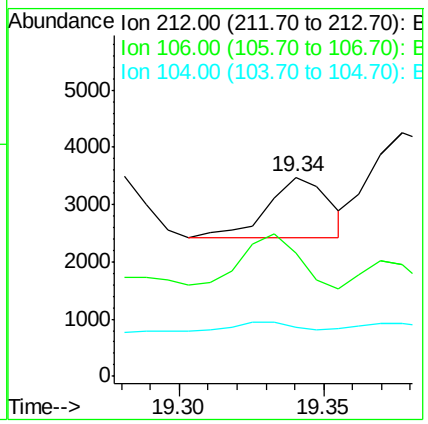


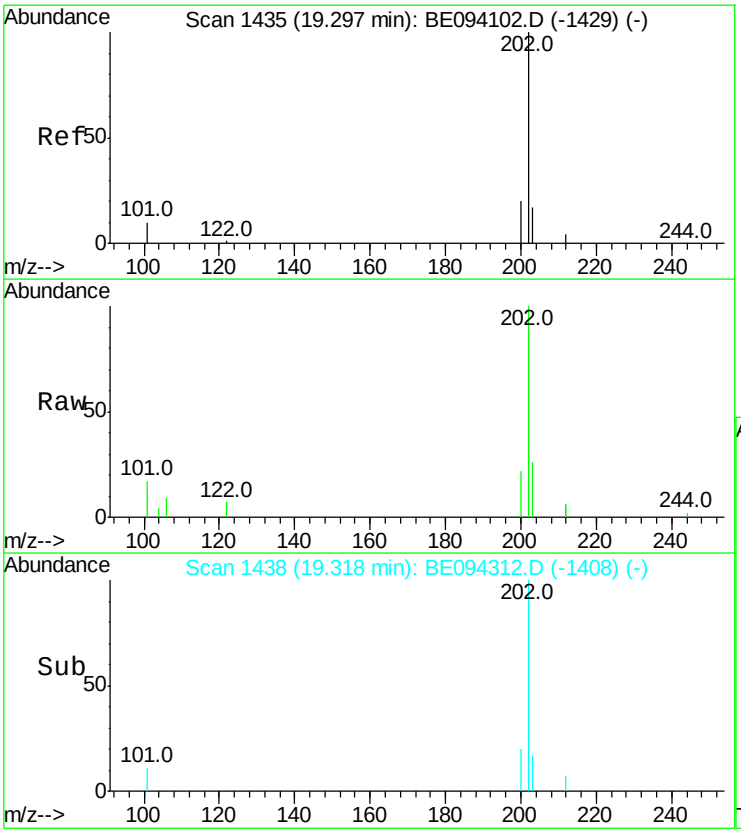
#25
Fluoranthene-d10
Concen: 0.022 ng
RT: 19.34 min Scan# 1441
Delta R.T. 0.07 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 1579

Ion	Ratio	Lower	Upper
212	100		
106	83.5	2.8	4.2#
104	16.0	1.6	2.4#

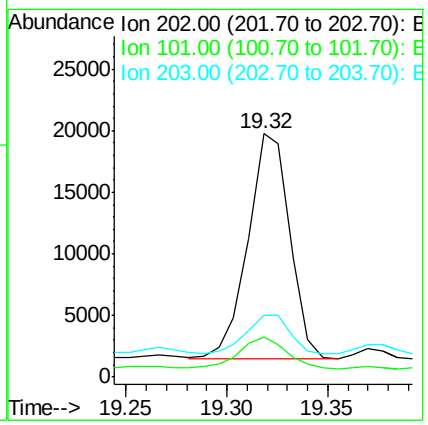


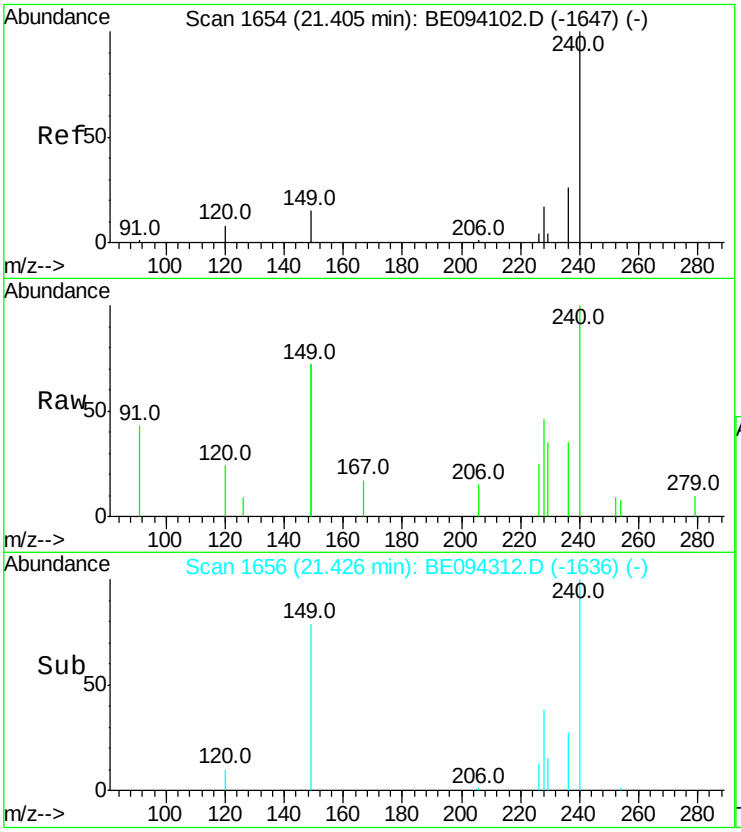


#26
Fluoranthene
Concen: 1.225 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.02 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:202 Resp: 26420

Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.8	14.8#
203	18.3	13.7	20.5



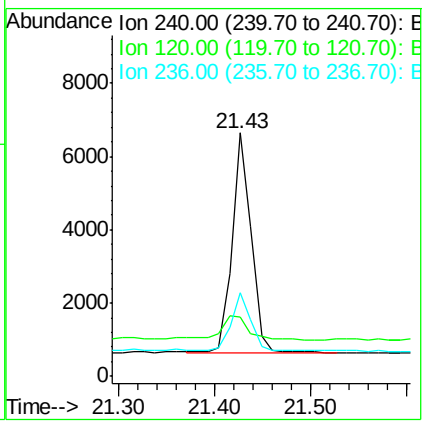


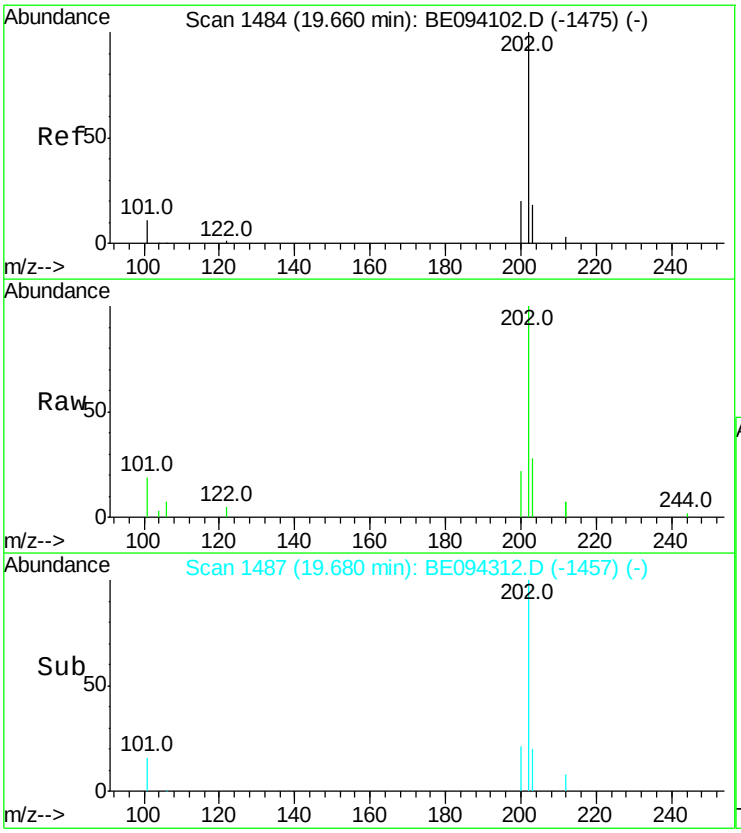
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.02 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8272

Ion	Ratio	Lower	Upper
240	100		
120	24.2	5.5	8.3#
236	34.5	20.7	31.1#

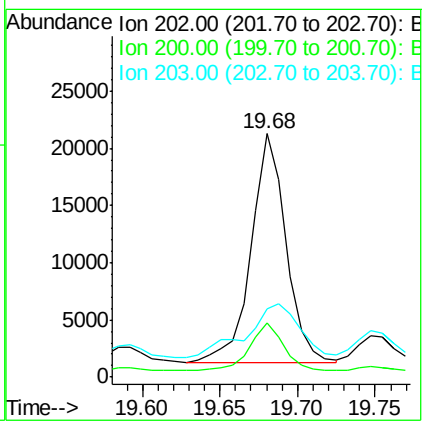


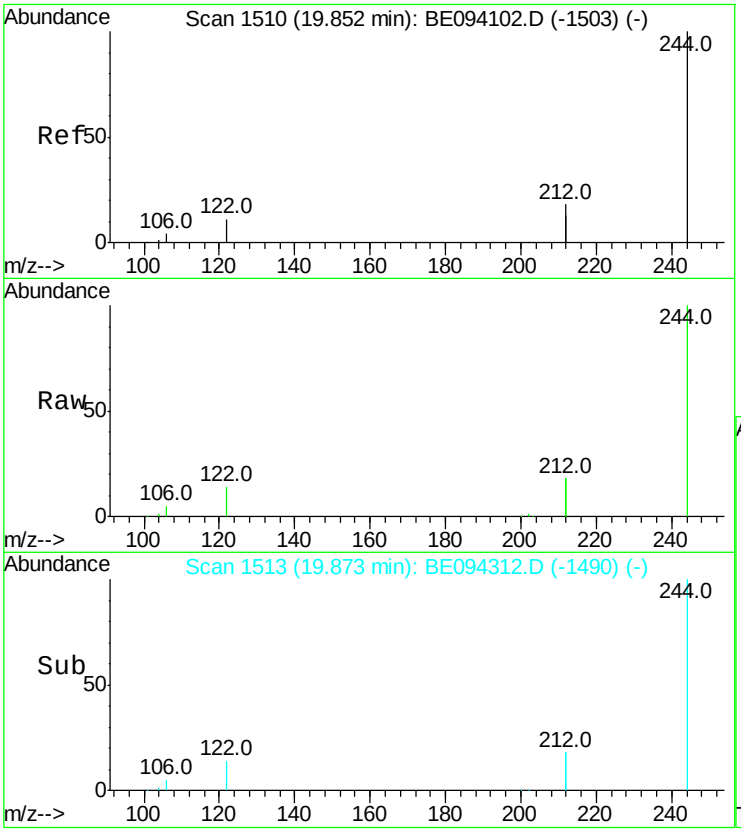


#28
Pyrene
Concen: 1.091 ng
RT: 19.68 min Scan# 1487
Delta R.T. 0.02 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:202 Resp: 31040

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	25.0
203	34.9	13.8	20.8#



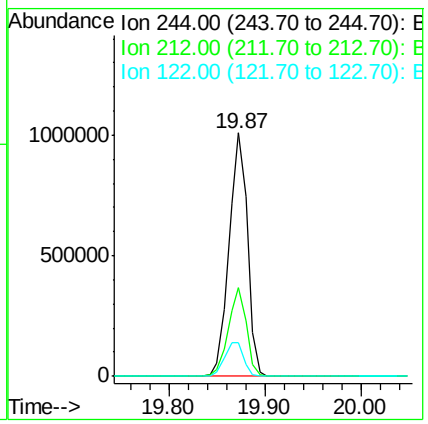


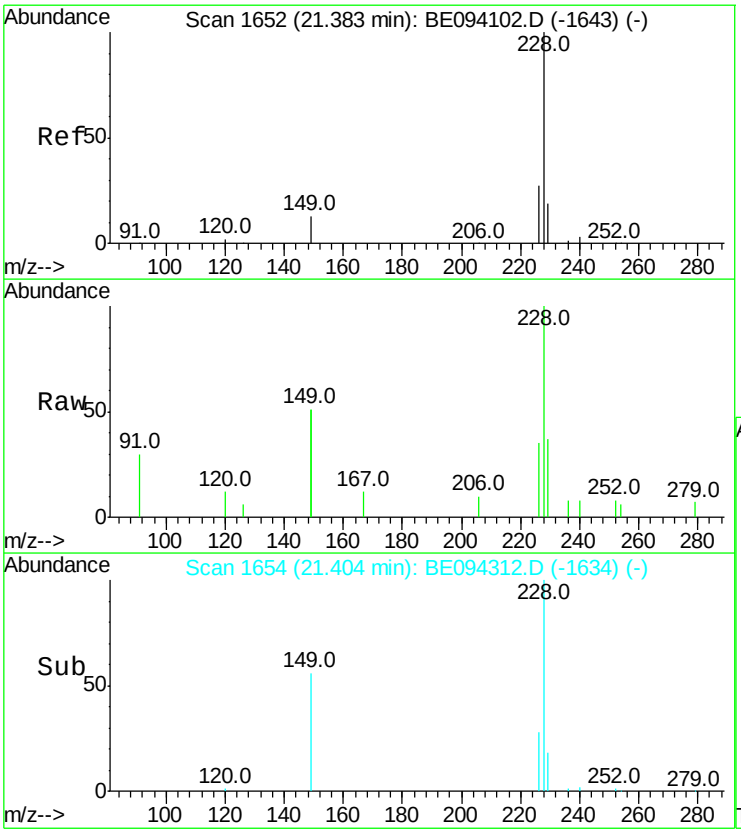
#29
Terphenyl-d14
Concen: 85.632 ng
RT: 19.87 min Scan# 1513
Delta R.T. 0.02 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 1337646

Ion	Ratio	Lower	Upper
244	100		
212	36.3	25.4	38.0
122	14.0	8.1	12.1#

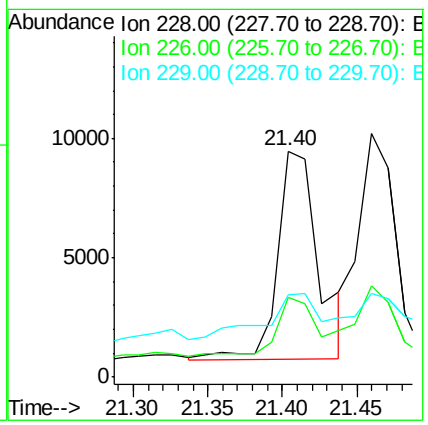


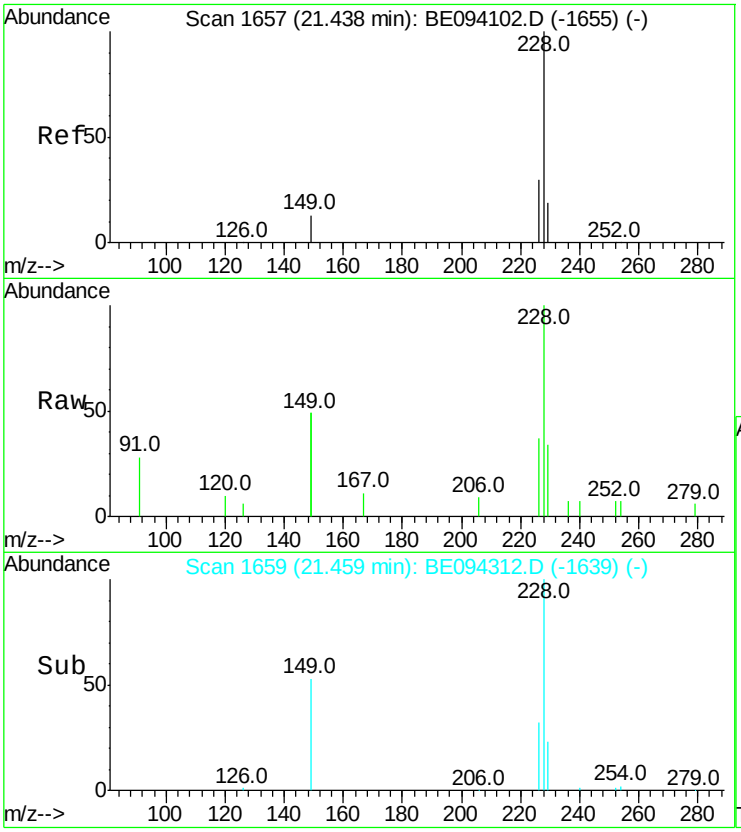


#30
Benzo(a)anthracene
Concen: 0.613 ng
RT: 21.40 min Scan# 1654
Delta R.T. 0.02 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:228 Resp: 16649

Ion	Ratio	Lower	Upper
228	100		
226	35.3	21.4	32.0#
229	36.7	16.4	24.6#



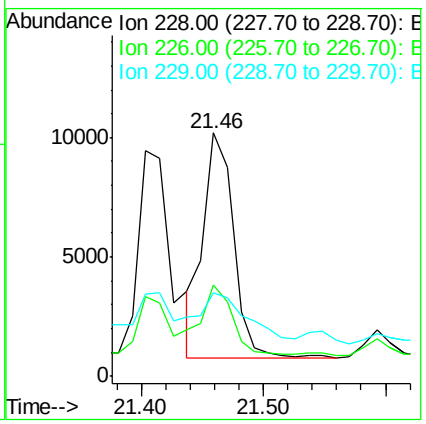


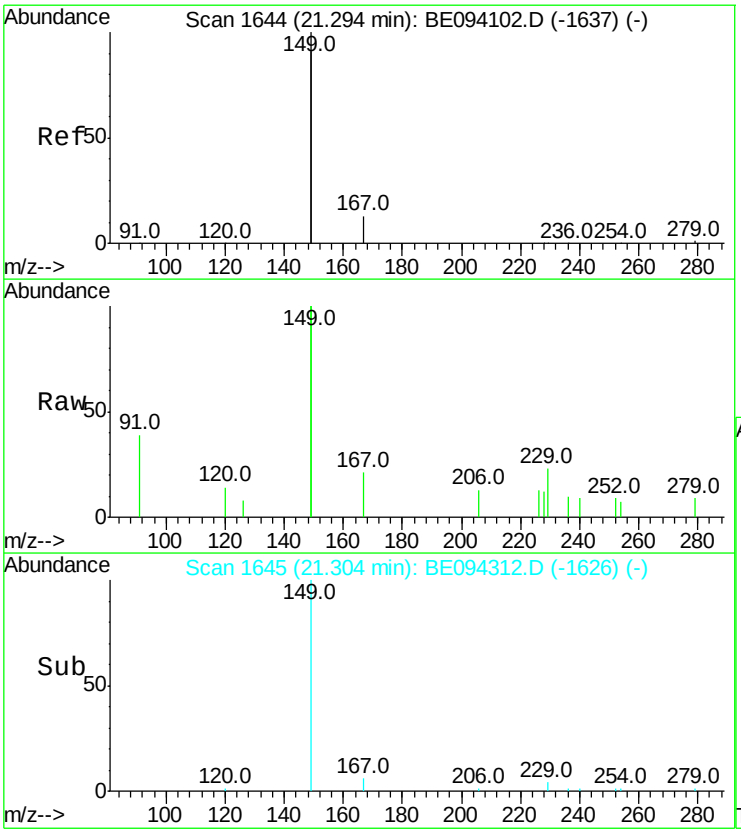
#31
Chrysene
Concen: 0.605 ng
RT: 21.46 min Scan# 1659
Delta R.T. 0.02 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 16219

Ion	Ratio	Lower	Upper
228	100		
226	37.4	23.6	35.4#
229	34.3	16.4	24.6#

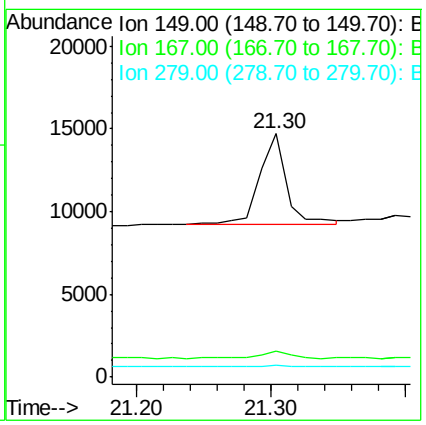


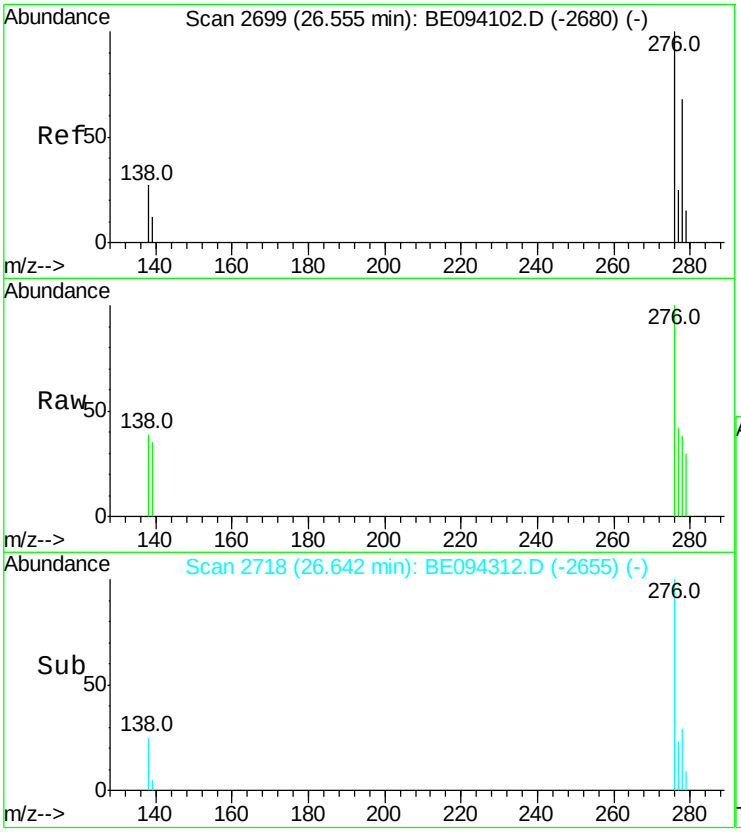


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.124 ng
RT: 21.30 min Scan# 1645
Delta R.T. 0.01 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:149 Resp: 7765

Ion	Ratio	Lower	Upper
149	100		
167	10.9	5.4	8.0#
279	3.4	0.7	1.1#



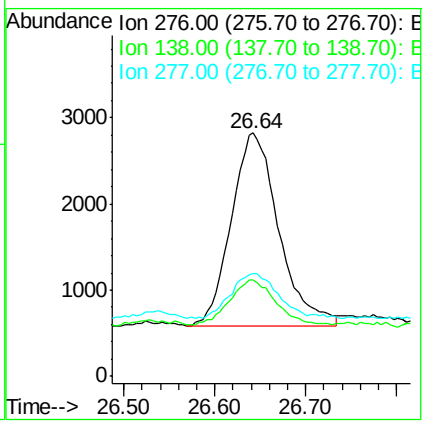


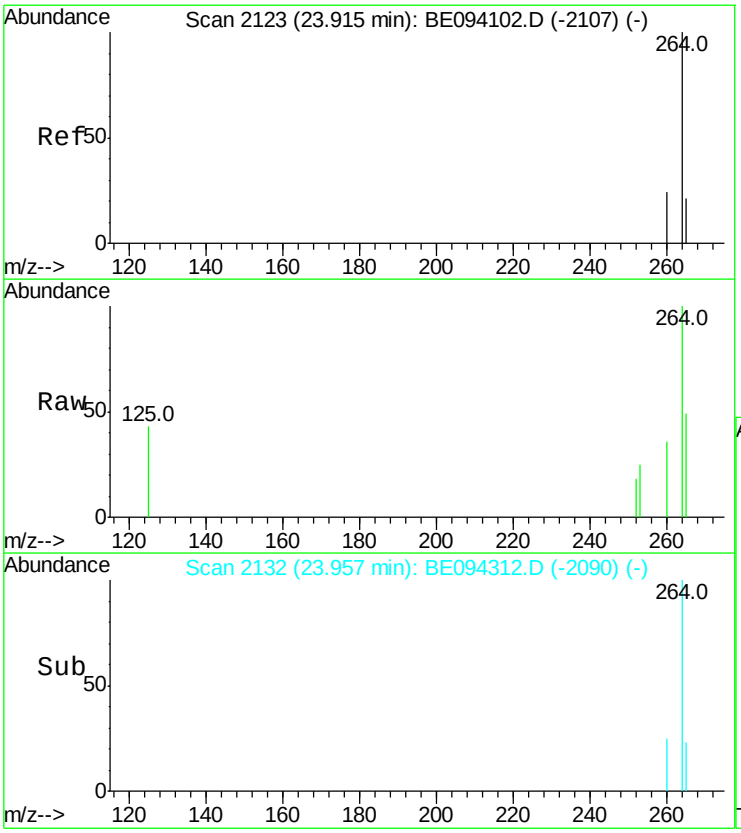
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.306 ng
RT: 26.64 min Scan# 2718
Delta R.T. 0.09 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8157

Ion	Ratio	Lower	Upper
276	100		
138	22.7	22.5	33.7
277	23.9	19.9	29.9

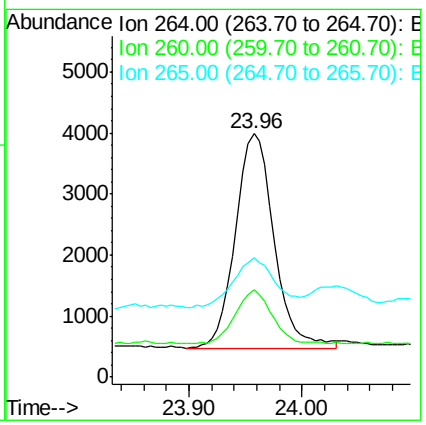


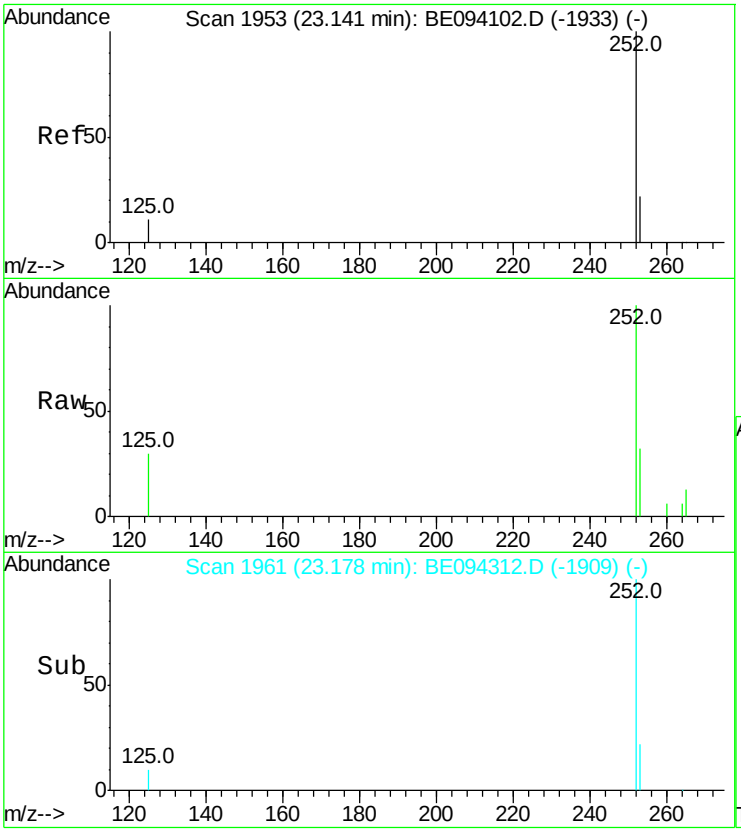


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2132
Delta R.T. 0.04 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:264 Resp: 8166

Ion	Ratio	Lower	Upper
264	100		
260	35.7	20.5	30.7#
265	48.9	22.8	34.2#



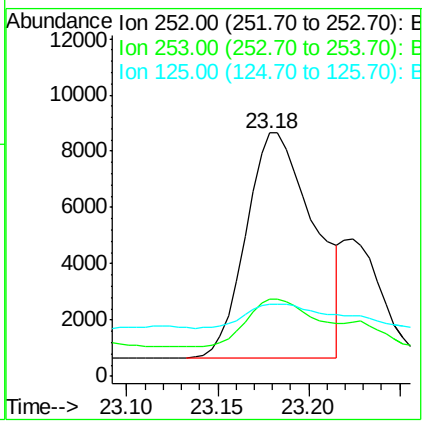


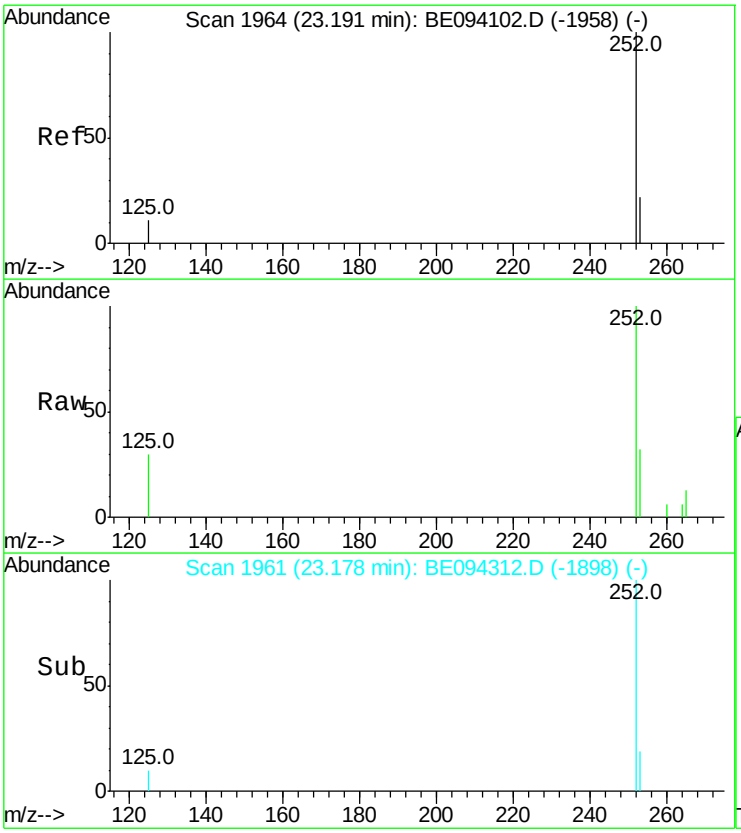
#35
Benzo(b)fluoranthene
Concen: 0.757 ng
RT: 23.18 min Scan# 1961
Delta R.T. 0.04 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 20798

Ion	Ratio	Lower	Upper
252	100		
253	31.9	18.2	27.2#
125	29.8	10.1	15.1#

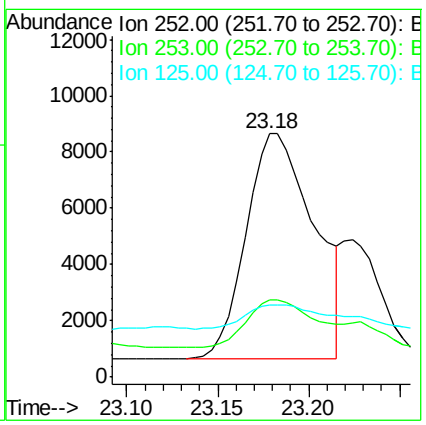


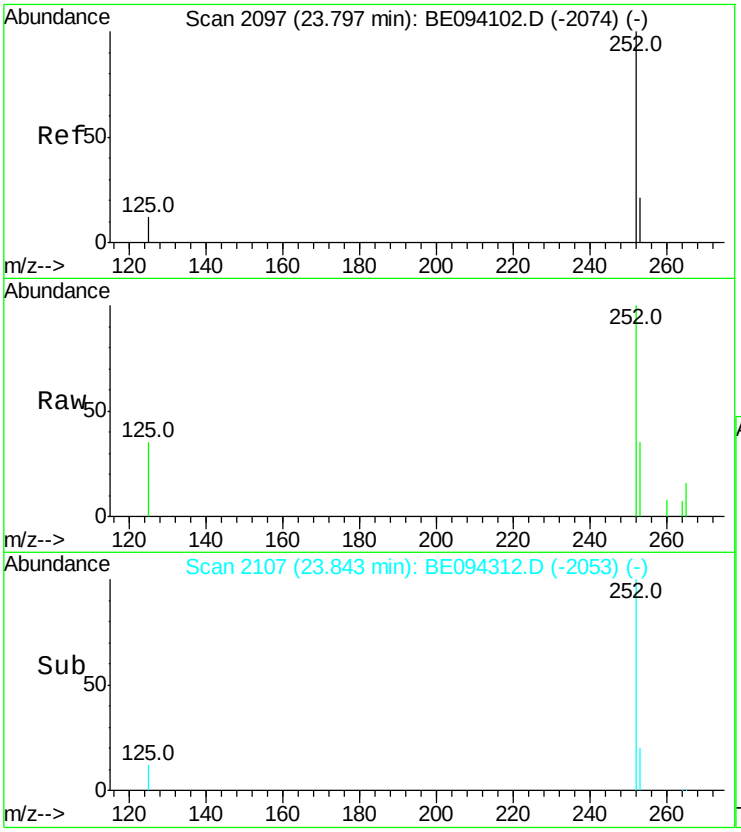


#36
Benzo(k)fluoranthene
Concen: 0.745 ng
RT: 23.18 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:252 Resp: 20798

Ion	Ratio	Lower	Upper
252	100		
253	31.9	18.6	27.8#
125	29.8	10.7	16.1#



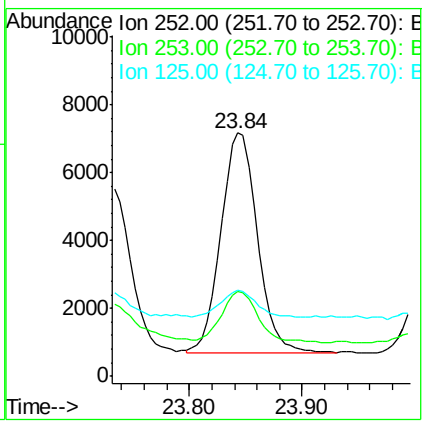


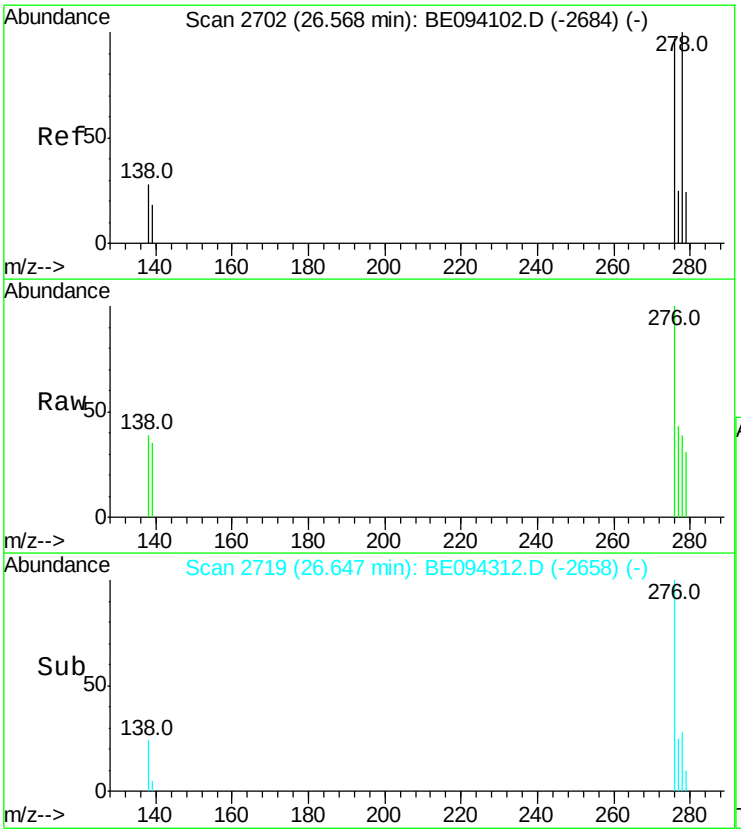
#37
Benzo(a)pyrene
Concen: 0.547 ng
RT: 23.84 min Scan# 2107
Delta R.T. 0.05 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 14206

Ion	Ratio	Lower	Upper
252	100		
253	34.6	19.0	28.6#
125	35.1	11.8	17.8#

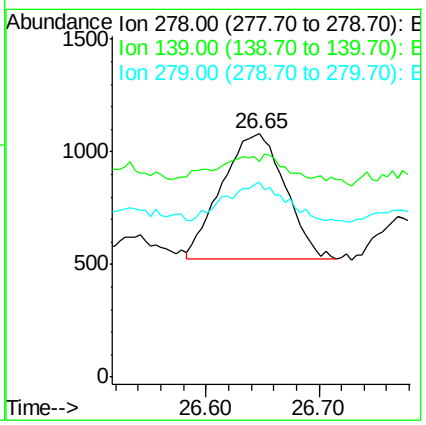


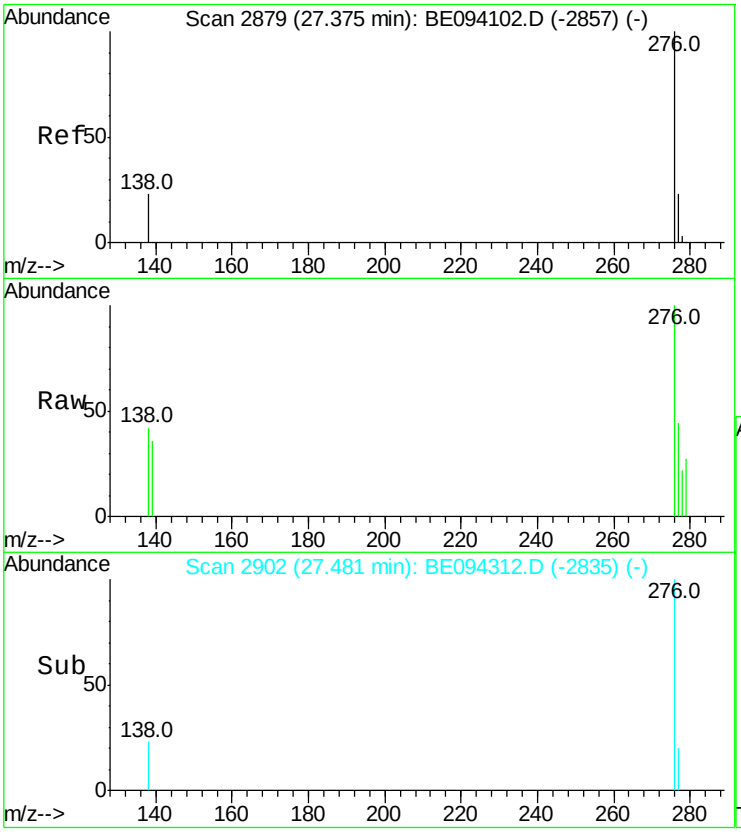


#38
Dibenzo(a,h)anthracene
Concen: 0.089 ng
RT: 26.65 min Scan# 2719
Delta R.T. 0.08 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:278 Resp: 2147

Ion	Ratio	Lower	Upper
278	100		
139	88.7	16.3	24.5#
279	80.1	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.311 ng
RT: 27.48 min Scan# 2902
Delta R.T. 0.11 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7644

Ion	Ratio	Lower	Upper
276	100		
277	44.0	20.8	31.2#
138	42.1	21.5	32.3#